INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/004383

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01D9/00 C01D CO1D3/16 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) B01D CO1D CO2F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 5 330 618 A (DANIELS EDWARD J ET AL) Α 1,10 19 July 1994 (1994-07-19) the whole document US 3 155 458 A (FIEDELMAN HOWARD W ET AL) Α 1. 3 November 1964 (1964-11-03) the whole document Α US 4 747 917 A (REED EMILY J ET AL) 1 31 May 1988 (1988-05-31) cited in the application the whole document CA 2 414 292 A (AKZO NOBEL NV) 1 21 February 2003 (2003-02-21) the whole document A,P -& WO 03/035551 A (AKZO NOBEL NV) 1 May 2003 (2003-05-01) the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-*O* document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled document published prior to the international filing date but in the art. later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 12 July 2004 19/07/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Hilt, D Form PCT/ISA/210 (second sheet) (January 2004)

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